

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| S1    | 1    | wo "03100756"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/06/18<br>22:10 |
| S2    | 1    | "10580276"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/06/18<br>22:21 |
| S3    | 39   | (compens\$4) same (detect \$5 or fail\$4) with ((sub pixel) or subpixel) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:12 |
| S4    | 95   | (compens\$4) same (detect \$5 or fail\$4) same ((sub pixel) or subpixel) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:15 |
| S5    | 1    | S4 and 345/87.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:15 |
| S6    | 71   | (compens\$4) same (defect \$5 or fail\$4) same ((sub pixel) or subpixel) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:16 |
| S7    | 3    | S6 and 345/87.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:16 |
| S8    | 0    | point spred function   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:19 |
| S9    | 3877 | point spread function  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:19 |
| S10   | 91   | S9 and "345".clas.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:20 |
| S11   | 38   | S10 and (defect\$5 or fail \$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:20 |
| S12   | 0    | ("2007/0126657").URPN.   | USPAT                                    | ADJ              | ON      | 2009/07/08<br>13:22 |
| S13   | 1151 | 345/55,63.ccls.  | USPAT                                    | ADJ              | ON      | 2009/07/08<br>13:24 |
| S14   | 0    | S6 and S13   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:24 |
| S15   | 218  | S13 and (defect\$5 or fail \$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2009/07/08<br>13:24 |

|     |         |  |  |     |    |                     |
|-----|---------|--|--|-----|----|---------------------|
| S16 | 9       | S13 and ((defect\$5 or fail\$4) with (compens\$4)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:25 |
| S17 | 62612   | human (eye or vision)                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:26 |
| S18 | 13      | S17 and S6   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:26 |
| S19 | 4576    | 345/204,904.ccls.                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:29 |
| S20 | 588     | 324/770.ccls.                                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:29 |
| S21 | 2053060 | (defect\$5 or fail\$4)                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:29 |
| S22 | 916     | S19 and S21  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:29 |
| S23 | 448     | S20 and S21  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:29 |
| S24 | 1339    | S22 or S23   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:29 |
| S25 | 95      | S24 and S17  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:29 |
| S26 | 29951   | ((defect\$5 or fail\$4) same (compens\$4))         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:30 |
| S27 | 14      | S25 and S26  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>13:30 |
| S28 | 3       | ("6618115").URPN.                                  | USPAT                                    | ADJ | ON | 2009/07/08<br>13:33 |
| S29 | 122547  | nonlinear or non linear                            | USPAT                                    | ADJ | ON | 2009/07/08<br>15:20 |
| S30 | 642     | compens\$5 same defec\$4 same (pixel)              | USPAT                                    | ADJ | ON | 2009/07/08<br>15:21 |
| S31 | 29      | S29 same2 S30                                      | USPAT                                    | ADJ | ON | 2009/07/08<br>15:21 |
| S32 | 1       | "5504504".pn.                                      | USPAT                                    | ADJ | ON | 2009/07/08<br>15:30 |
| S33 | 104     | ("5504504").URPN.                                  | USPAT                                    | ADJ | ON | 2009/07/08<br>15:31 |
| S34 | 3       | ("4600946"   "5274224"   "5381175").PN.            | US-PGPUB;<br>USPAT; USOCR                | ADJ | ON | 2009/07/08<br>15:31 |

|     |       |  |  |     |    |                     |
|-----|-------|--|--|-----|----|---------------------|
| S35 | 21    | ("5381175").URPN.  | USPAT                                    | ADJ | ON | 2009/07/08<br>15:32 |
| S36 | 11011 | (point spread function) or (pupil function) or (line spread function) or (optical transfer function) or (modulation transfer function) or (phase transfer function) with eye   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>15:44 |
| S37 | 387   | ((point spread function) or (pupil function) or (line spread function) or (optical transfer function) or (modulation transfer function) or (phase transfer function)) with eye | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>15:45 |
| S38 | 0     | S30 and S37  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>15:45 |
| S39 | 9213  | compens\$5 same defec\$4   | USPAT                                    | ADJ | ON | 2009/07/08<br>15:45 |
| S40 | 10    | S39 and S37  | USPAT                                    | ADJ | ON | 2009/07/08<br>15:45 |
| S41 | 3     | S37 and ((sub pixel) or subpixel)  | USPAT                                    | ADJ | ON | 2009/07/08<br>15:47 |
| S42 | 24    | driv\$5 with human vision  | USPAT                                    | ADJ | ON | 2009/07/08<br>15:50 |
| S43 | 1     | "10580276" and linear combination  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/08<br>16:03 |
| S44 | 2     | "6089739".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2009/07/09<br>11:53 |
| S45 | 1     | "10580276"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON | 2010/02/04<br>15:03 |

**EAST Search History (Interference)**

| Ref # | Hits  | Search Query   | DBs                         | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|-----------------------------|------------------|---------|---------------------|
| L1    | 12575 | 345/55,63,87,204,690.ccls. or 324/770.ccls.  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ              | ON      | 2010/02/04<br>19:56 |
| L2    | 10370 | (point spread function) or (pupil function) or (line spread function) or (optical transfer function) or (modulation transfer function) or (phase transfer function) with eye | US-PGPUB;<br>USPAT;<br>UPAD | ADJ              | ON      | 2010/02/04<br>19:56 |

|     |       |   |                             |     |    |                     |
|-----|-------|---|-----------------------------|-----|----|---------------------|
| L3  | 73    | L1 and L2   | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>19:56 |
| L4  | 30    | L1 and linear combination   | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>20:40 |
| L5  | 2     | 3 and L4  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>20:40 |
| S46 | 12575 | 345/55,63,87,204,690.ccls. or<br>324/770.ccls.  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>15:32 |
| S47 | 102   | (compens\$4) same (detect\$5 or<br>fail\$4) same ((sub pixel) or<br>subpixel)   | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>15:32 |
| S48 | 62229 | human (eye or vision)   | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>15:32 |
| S49 | 17119 | compens\$5 same defec\$4  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>15:32 |
| S50 | 6     | S46 and S47   | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>15:33 |
| S51 | 12575 | 345/55,63,87,204,690.ccls. or<br>324/770.ccls.  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>19:53 |
| S52 | 30    | S51 and linear combination  | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>19:53 |
| S53 | 10370 | (point spread function) or (pupil<br>function) or (line spread<br>function) or (optical transfer<br>function) or (modulation transfer<br>function) or (phase transfer<br>function) with eye | US-PGPUB;<br>USPAT;<br>UPAD | ADJ | ON | 2010/02/04<br>19:53 |

**2/ 4/ 2010 8:45:52 PM**

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